

METHOD AND SYSTEM FOR USING EDDY  
CURRENT TRANSDUCERS IN MAGNETIC FIELDS

ABSTRACT OF THE DISCLOSURE

A method for generating a signal indicative of a pressure oscillation in a chamber is provided. The method includes sensing a pressure within the chamber, generating a signal relative to the sensed pressure, digitizing the signal, transforming the digitized signal from the time domain to the frequency domain to generate an energy spectrum, and analyzing the energy spectrum to determine an energy spike indicative of a substantially non-random component of the digitized signal.